

REMARKS

Claims 1-6 have been canceled. New claims 7-10 have been added and are currently pending. Applicant has added new claims 7-10 and cancel previously submitted claims 1-6 to more efficiently comply with the various 112 problems set forth in the Office Action. No new matter has been added. Consideration of new claims 7-10 is, therefore, respectfully requested.

New claim 7 is essentially old claim 1 amended to better define the tooth face. New claim 8 is provided to clarify what length Applicant was setting forth. The remaining claims set forth features previously claimed in one form or another.

New claims 7-10 are believed to better define and protect the intellectual property rights to which Applicant is entitled.

REJECTION UNDER 35 U.S.C. § 102

With regard to rejection of claims 1-6 under 35 U.S.C. § 102 as being anticipated by French Patent No. 1190274, Applicant respectfully traverses the rejections based upon new claims 7-10 and the remarks which follow. The claims have been amended to define that the cutting edge is lateral to the longitudinal cutter axis, thus clarifying the orientation of the tooth face and its respective sections.

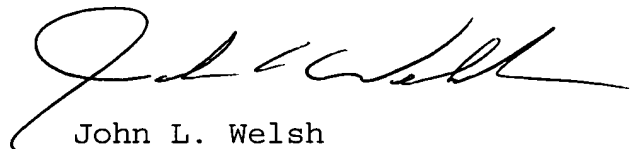
The French Patent No. 1190274 is directed to a drill bit and fails to show a lateral cutting edge. In fact, when the drawings

of this patent are reviewed (see fig. 2a) the cutting edge G-F is found to be perpendicular to the longitudinal axis of the drill bit in contrast to the claimed cutting edge which is laterally oriented and rotates about a central cutter axis. In addition, the cutting edge disclosed in the '274 patent does appear to have a convex section and a concave section (see fig. 2). However, Applicant's claims call for the tooth face to have convex and concave sections. This structure is neither shown nor contemplated by French Patent No. 1190274.

Therefore, French Patent No. 1190274 fails to show the invention as now claimed and can't meet all of the claimed limitations required under 35 U.S.C. § 102.

If the Examiner has any questions or comments which might expedite the prosecution of the present application, he is urged to contact the undersigned at (703) 920-1122.

Respectfully submitted,



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